N&W
GLOBAL VENDING

# TECHNICAL INFORMATION

WITTENBORG

| | | | | | |
|---|---|---|---|---|---|
| **Model** | **7600** | **Type** | **ALL Models** | **T.I. Number:** | |
| | | | | **7600 2005-04** | |
| **Serial Numbers** | From Machine Serial Number 565802 | | | **Date** | 21.04.2005 |
| **Subject** | **Cup Catcher Assembly – New Part Numbers** | | | **ISSUED FOR** | |
| | | | | ACTION | |
| | | | | INFORMATION | X |

## This Technical Bulletin replaces the previously issued T.I. 7600 2005-03 !!

### HEADLINES

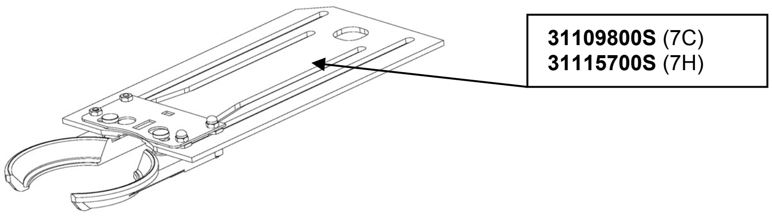
The two cup catcher assemblies fitted to 7600 machines have been improved for the following reasons

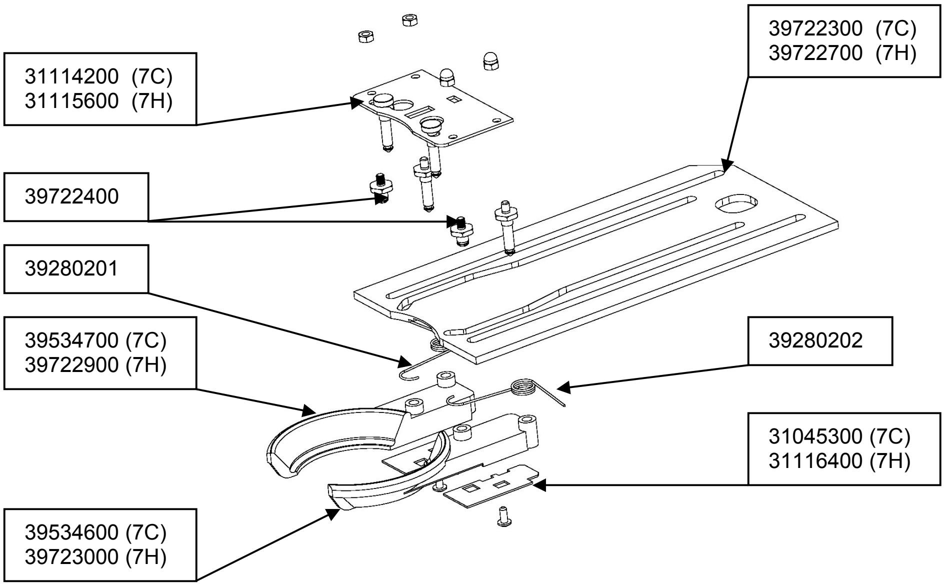
a. Springs have been added to the assembly to assist the closing of the cup catcher forks in the cup catching position (clip position).
This enables the power to the cup slide motor to be switched off immediately the switch is activated. Previously, the power was maintained by timed delay in the software at "clip position" to ensure the forks were completely closed, which placed some stress on the toothed drive belt.

b. The design of the cup catcher assemblies have been optimized for the dispensing of 71mm diameter and 73mm diameter cups, both plastic and paper.

### PARTS AFFECTED

The illustrations and tables below show the new assembly and indicate the new parts.





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**Cup Catcher Assembly – 7C Cups (71 mm Diameter)**

| **Description** | **Old Part Numbers** | **New Part Numbers** |
|---|---|---|
| **Cup Catcher Assembly Complete** | **30956100S*** | **31109800S** |
| **Component Parts** | | |
| • **Cup Guide** | **30948100*** | **39722300** |
| • **Cup Fork left** | **39534600** | **39534600 (not changed)** |
| • **Cup Fork Right** | **39534700** | **39534700 (not changed)** |
| • **Metal Plate** | **30946200*** | **31114200** |
| • **Spring left** | **Non existant** | **39280202** |
| • **Spring right** | **Non existant** | **39280201** |
| • **Fixed guiding pin** | **39276200*** | **39722400** |

**Cup Catcher Assembly – 7H Cups (73 mm Diameter)**

| **Description** | **Old Part Numbers** | **New Part Numbers** |
|---|---|---|
| **Cup Catcher Assembly Complete** | **30953200S*** | **31115700S** |
| **Component Parts** | | |
| • **Cup Guide** | **30948100*** | **39722700** |
| • **Cup Fork left** | **39534600** | **39723000** |
| • **Cup Fork Right** | **39534700** | **39722900** |
| • **Metal Plate** | **31006400*** | **31115600** |
| • **Spring left** | **Non existant** | **39280202** |
| • **Spring right** | **Non existant** | **39280201** |
| • **Locking plate for cup fork** | **31045300** | **31116400** |
| • **Fixed guiding pin** | **39276200*** | **39722400** |

Two kits have been created to change cup sizes in machines

**Cup Drop Kit – 7C Cups 7600 (71 mm Diameter)**
To change from 7H cups to 7C cups.

| **Description** | **New parts** |
|---|---|
| **Cup Drop Kit  Complete 7C** | **75803600** |
| **Component Parts** | |
| • **Cup Catcher Assembly** | **31109800S** |
| • **Cup Drop Ring 7C** | **30881703** |

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* Production is discontinued, part is no longer available as a spare part.

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| **Serial Numbers** | From Machine Serial Number 565802 | | | **Date** | 21.04.2005 |
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**Cup Drop Kit – 7H Cups 7600 (73 mm Diameter)**
To change from 7C cups to 7H cups

| **Description** | **New parts** |
|---|---|
| **Cup Drop Kit Complete 7H** | **75803700** |
| **Component Parts** | |
| • **Cup Catcher Assembly** | **31115700S** |
| • **Cup Drop Ring 7H** | **30881702** |

**REPLACEABILITY**
It is possible to retro-fit the new spring-assisted assemblies into machines in the field with the old assembly with no spring mechanism

If SW Release 6.0 or above is installed, disable the "Cup slide Clip Delay, see table below:

- Technician
  - Adjust system
    - Calibration
    - Temperatures
    - Upper cup sensor
    - Lower cup sensor
    - Cupslide idle pos
    - Keypad enter on/off
    - Brewer park pos.
    - Rinse without jug
    - Cupslide clip delay
      - Use cupslide clip position delay ? Yes=1, NO=0: **0**

This will prevent unnecessary stress being placed on the tooth drive belt. Refer to page 1, a.